

Message Text

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ACTION EUR-12

INFO OCT-01 ISO-00 CIAE-00 PM-05 INR-07 L-03 ACDA-07
NSAE-00 PA-01 SS-15 PRS-01 SP-02 USIA-06 TRSE-00
OC-06 CCO-00 EB-08 /074 W
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FM USMISSION NATO
TO SECSTATE WASHDC 5179
SECDEF WASHDC
INFO CDR FT MONMOUTH NJ
RADC ROME NY

C O N F I D E N T I A L NATO 07393

SECDEF FOR OASD(C3I) MR GRAY, FT MONMOUTH FOR ECOM AND
DIR TRI-TAC

E.O. 11652: GDS
TAGS: ETEL MARR NATO
SUBJECT: NICS ARCHITECTURAL STUDY - HYBRID SWITCHING TECH-
NIQUES

REF: ADDENDUM TO NICSMA/RF(76)56 DTD 15 JUN 77 (NOTAL)

1. IN REF NATO INTEGRATED COMMUNICATIONS MANAGEMENT AGENCY
(NICSMA) IS REQUESTING FUNDS TO SUPPORT INVESTIGATION BY
SHAPE TECHNICAL CENTER (STC) ON HYBRID SWITCHING TECHNIQUES.
THIS INVESTIGATION WILL SUPPORT THE NICS PHASE II ARCHI-
TECTURAL STUDY.

2. THE SPECIFIC OBJECTIVES OF STC TASK ARE TO ESTABLISH
THE FEASIBILITY AND COSTS OF ALTERNATIVE DESIGNS OF ANALOG,
DIGITAL, AND HYBRID SWITCHES SUITABLE FOR USE IN THE NICS
FOR NODAL AND ACCESS SWITCHES AND CONCENTRATORS.

3. WE BELIEVE THAT MANY OF THESE TOPICS HAVE BEEN INVESTI-
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GATED PREVIOUSLY IN US DEVELOPMENT PROGRAMS, AND BELIEVE
THAT STC COULD AVOID DUPLICATION OF SUCH PAST EFFORTS ALONG
WITH THE CORRESPONDING TIME DELAYS IF THE US COULD PROVIDE
TO NICSMA AND STC THE REPORTS RECEIVED BY US GOVERNMENT
LABORATORIES FROM SUCH PAST STUDIES. SPECIFIC EFFORTS IN-
CLUDE RADC'S WORK ON ICMS, ECOM'S WORK ON MALLARD, AND MORE
RECENT WORK CONDUCTED BY CONTRACTORS FOR DCEC AND TRI-TAC.

MANY, IF NOT ALL OF THESE REPORTS, MAY IN FACT BE AVAILABLE FROM THE DEFENSE DOCUMENTATION CENTER, IF THEY CAN BE CLEARED FOR RELEASE TO NATO.

4. POSSIBLE POINTS OF CONTACT INCLUDE MSSRS J. HOLZER AND F. ALOUISA AT ECOM AND MR F. KOZIAN AT RADC. NICSMA POINT OF CONTACT IS MR A. CALIENDO.

5. ACTION REQUESTED: REQUEST WASHINGTON RELEASE ANY AVAILABLE INFORMATION TO NICSMA, FOR USE BY STC IN SUPPORT OF THE NICS ARCHITECTURAL EFFORT AS SOON AS POSSIBLE AND NLT 1 NOV 1977. PEREZ

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